

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-082329

(43)Date of publication of application : 21.03.2000

(51)Int.Cl.

H01B 1/12
C08L101/02

(21)Application number : 10-249463

(71)Applicant : NEC CORP

(22)Date of filing : 03.09.1998

(72)Inventor : TSUCHIDA HIDETOSHI
TAKEOKA SHINJI
MIYATAKE KENJI
FUKUSHIMA KAZUAKI
NISHIYAMA TOSHIHIKO
HARADA MANABU
FUJIWARA MASAKI
NISHIYAMA JUNKO
OKADA SHINAKO

(54) SINGLE IONIC AND PROTON CONDUCTIVE HIGHPOLYMER SUBSTANCE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a conductive highpolymer substance having a high single ionic and/or proton conductivity which is stable over a wide temp. range and through a long period of service.

SOLUTION: This conductive highpolymer substance is formed from a polymer having sulfate radical or sulfuric acid radical in each molecule and a polymer given by the expression-(R1-X)-, where R1 is organic residual radical with C ranging from 1 to 20 or an organic residual radical with C ranging from 1 to 20 and including hetero atoms such as N, O, S, F, Cl, Br, I, etc., X is N, O, S, or organic residual radical including these atoms, and (n) is an integer no less than 2.

LEGAL STATUS

[Date of request for examination]

03.09.1998

[Date of sending the examiner's decision of

rejection]

[Kind of final disposal of application other than
the examiner's decision of rejection or
application converted registration]

[Date of final disposal for application]

[Patent number] 2962360

[Date of registration] 06.08.1999

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office